



U.S. Department  
of Transportation

**Federal Highway  
Administration**

# Memorandum

Subject: **INFORMATION:** Highway Traffic Noise

Date: DEC 23 1996

From: Director, Office of Environment  
and Planning

Reply to: HEP-40  
Attn. of:

To: Regional Administrators  
Federal Lands Highway Program Administrator

We have prepared the following papers to provide information on the highway traffic noise program:

- (1) "Summary of Noise Barriers Constructed by December 31, 1995," and
- (2) "Highway Traffic Noise Barrier Construction Trends."

The papers are updates of previous papers with similar information. Copies of the new papers are attached for your information and use.

We hope that this material will be useful to FHWA field offices and the SHAs. Sufficient copies have been provided for forwarding one copy to each division and one copy to each SHA.

If you have questions or comments concerning these reports or highway traffic noise generally, you may contact Bob Armstrong at (202) 366-2073 or Steve Ronning at (202) 366-2078, respectively.

  
Kevin E. Heanue

2 Attachments



U.S. Department  
of Transportation

**Federal Highway  
Administration**

# Memorandum

Subject **INFORMATION:** Highway Traffic Noise

Date JAN 2 1997

From Director, Office of Environment  
and Planning

Reply to  
Attn of HEP-40

To Regional Administrators  
Federal Lands Highway Program Administrator


The report "Sound Procedures for Measuring Highway Noise: Final Report," dated August 1981, presented noise measurement procedures for use by Federal, State, or local transportation departments. The Volpe National Transportation Systems Center Acoustics Facility, in support of the FHWA, has developed a new measurement manual entitled "Measurement of Highway-Related Noise." This new report will replace the previous one.

The report incorporates improvements and changes in noise measurement technologies that have occurred over time and documents recommended procedures for the measurement of the following:

- Existing noise.
- Vehicle noise emissions.
- Noise reduction due to barriers.
- Construction equipment noise.
- Noise reduction due to buildings.
- Occupational noise exposure.

The report should be useful to all individuals involved with measurement activities related to highway traffic noise. Sufficient copies have been provided for forwarding one copy to each division and one copy to each State DOT. Copies may also be purchased from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161, telephone (703) 487-4650. The NTIS publication number is PB 9712 0489.

If you have any questions concerning the measurement manual, you may contact Bob Armstrong or Steve Ronning at (202) 366-2073 or (202) 366-2078, respectively.



Kevin E. Heanue

Attachment

FHWA:HEP-40:RArmstrong:ac:62073:12-20-96  
Revised:KHeanue:ac:62073:12-24-96  
Disk: HEP-40/3, File Name: measman.mem  
cc: HEP-1, HEP-40, NT/Files(2)